

**ABSORBENT PADS WITH FIXED POLYMER PARTICLES**

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Abstract not available for AU6650181

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The invention concerns a process for manufacturing a water-absorbent article in which particles of a water-swellable polymer are fixed to a water-absorbent substrate. The process includes the steps of forming on the surface of the water-swellable particles a coating of a thermoplastic adhesive resin; locating the coated particles in their unswollen and dry state on or within the water-absorbent substrate also in the dry state; and applying heat to soften the thermoplastic coating of the particles and pressing the particles and substrate to cause the particles to be bound to the substrate.

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